

## STATEMENT OF QUALIFICATIONS

### John Michael Ford

**EDUCATION:** Bachelor of Science Degree in Civil Engineering, California State University at Sacramento, December 1978

**REGISTRATION:** Registered Civil Engineer in California, License No. C 034643

#### **EXPERIENCE:**

**October 2005 to Present:** Assistant to Chief of SWP Operations Control Office – Assist with development of SWP operational plans to deal with sensitive environmental and political matters pertaining to SWP operations. Work with State Water Contractors, Federal and State agencies and stakeholders to advise DWR Management on SWP operational policy matters.

**July 2003 to September 2005:** Chief, South Delta Branch – Direct and supervise Branch staff in planning activities for CALFED Conveyance Projects in the south Delta including the South Delta Improvements Program, Temporary Barriers Program, CA/DMC Intertie and Lower San Joaquin Flood Improvements Project. Review and process invoices submitted by Contra Costa Water District for Veale/Byron Tract Improvements.

**October 1995 to June 2003:** Chief, Delta Planning Branch – Responsible for planning, supervising and directing Branch staff in planning activities for the Interim South Delta Program, Temporary Barriers Program and West Delta Management Program (Sherman and Twitchell Islands)

**September 1993 to September 1995:** Chief, Hearing Support and South Delta Management – Plan and coordinate development of South Delta Facilities alternatives. Serve as Co-Chair person for DWR's Bay-Delta Hearings Coordination Committee.

**March 1992 to August 1993:** Chief, Los Banos Grandes Facilities – Plan, schedule, budget and direct studies for project formulation, evaluation and environmental documentation of Los Banos Grandes Facilities. Assist and advise management on policy matters related to future SWP water supplies.

**January 1990 to February 1992:** Chief, Compliance Monitoring – Analyzed hydrologic conditions and prepared daily operational plans for coordinated operations of SWP and CVP to comply with SWRCB standards per Decision 1485. Planned and coordinated activities needed to comply with DWR's FERC licenses. Serve on four Bay-Delta Hearings task groups.

**February 1988 to December 1989:** Chief, Hydrology and Operations - Updated future water supply data used in Planning Simulation Model operation studies that reflect future projections of Central Valley land use, groundwater use and no-project reservoir operations.

**November 1986 to January 1988:** Delta Modeling Section – Made technical improvements to mathematical model used to develop salinity boundary conditions for Delta modeling. Revised ‘carriage water’ relationships used for operations studies.

**November 1984 to October 1986:** Served as DWR representative to San Francisco Bay Interagency Modeling Group at U.S. Geological Survey in Menlo Park, CA. Developed two-dimensional laterally averaged model of San Francisco Bay.

**March 1980 to October 1984:** Delta Modeling Section – Prepared, ran and analyzed computer model studies of Delta to study effects of various Delta Planning alternatives.

#### **PUBLICATIONS:**

Principal Author of “Predicting the Vertical Structure of Tidal Current and Salinity in San Francisco Bay, California, pages 1027-1045. Water Resources Research, May 1990.